<!--StartFragment-->RESULT 7
ABG14547
ID   ABG14547 standard; protein; 1042 AA.
XX
AC   ABG14547;
XX
DT   18-FEB-2002 (first entry)
XX
DE   Novel human diagnostic protein #14538.
XX
KW   Human; chromosome mapping; gene mapping; gene therapy; forensic;
KW   food supplement; medical imaging; diagnostic; genetic disorder.
XX
OS   Homo sapiens.
XX
PN   WO200175067-A2.
XX
PD   11-OCT-2001.
XX
PF   30-MAR-2001; 2001WO-US008631.
XX
PR   31-MAR-2000; 2000US-00540217.
PR   23-AUG-2000; 2000US-00649167.
XX
PA   (HYSE-) HYSEQ INC.
XX
PI   Drmanac RT, Liu C, Tang YT;
XX
DR   WPI; 2001-639362/73.
DR   N-PSDB; AAS78734.
XX
PT   New isolated polynucleotide and encoded polypeptides, useful in
PT   diagnostics, forensics, gene mapping, identification of mutations
PT   responsible for genetic disorders or other traits and to assess
PT   biodiversity.
XX
PS   Claim 20; SEQ ID NO 44906; 103pp; English.
XX
CC   The invention relates to isolated polynucleotide (I) and polypeptide (II)
CC   sequences. (I) is useful as hybridisation probes, polymerase chain
CC   reaction (PCR) primers, oligomers, and for chromosome and gene mapping,
CC   and in recombinant production of (II). The polynucleotides are also used
CC   in diagnostics as expressed sequence tags for identifying expressed
CC   genes. (I) is useful in gene therapy techniques to restore normal
CC   activity of (II) or to treat disease states involving (II). (II) is
CC   useful for generating antibodies against it, detecting or quantitating a
CC   polypeptide in tissue, as molecular weight markers and as a food
CC   supplement. (II) and its binding partners are useful in medical imaging
CC   of sites expressing (II). (I) and (II) are useful for treating disorders
CC   involving aberrant protein expression or biological activity. The
CC   polypeptide and polynucleotide sequences have applications in
CC   diagnostics, forensics, gene mapping, identification of mutations
CC   responsible for genetic disorders or other traits to assess biodiversity
CC   and to produce other types of data and products dependent on DNA and
CC   amino acid sequences. ABG00010-ABG30377 represent novel human diagnostic
CC   amino acid sequences of the invention. Note: The sequence data for this
CC   patent did not appear in the printed specification, but was obtained in
CC   electronic format directly from WIPO at
CC   ftp.wipo.int/pub/published_pct_sequences
XX
SQ   Sequence 1042 AA;

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  Query Match             93.4%;  Score 1291;  DB 4;  Length 1042;
  Best Local Similarity   94.4%;  Pred. No. 1.7e-119;
  Matches  255;  Conservative    4;  Mismatches   11;  Indels    0;  Gaps    0;

Qy          1 MNIDAKILNKILANQIQQHIKKLIHHDQVGFIPGMQGWFNIHKSINVIQHINRTKDKNHM 60
              |||||||||||||:|||||||||||||||||||||| |||||||||| ||||||
Db        399 MNIDAKILNKILANRIQQHIKKLIHHDQVGFIPGMQGWFNIRKSINVIQHINRAKDKNHM 458

Qy         61 IISVDAEKAFDKVQQHFMLKTLNKLGIDGTYLKIIRAIYDKPTANIILNGLKLEAFPLKT 120
              |||:||||||||:|| |||||||||||||| |||||||||||||||| |||||||||
Db        459 IISIDAEKAFDKIQQPFMLKTLNKLGIDGTYFKIIRAIYDKPTANIILNGKKLEAFPLKT 518

Qy        121 GTRQGCPLSLLLFNIVLEVLARAIRQEKEINCIQLGKEEVKLPLFADDMIVYLENPVVSA 180
              ||||||||||||||||||||||||||||||  |||||||||| ||||||||||||:|||
Db        519 GTRQGCPLSLLLFNIVLEVLARAIRQEKEIKGIQLGKEEVKLSLFADDMIVYLENPIVSA 578

Qy        181 PNLLKLISNFSKVSGYKINVQKSQAFLYTNNRQTESQIMSELPFTIASKRIKYLGIQLTR 240
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        579 QNLLKLISNFSKVSGYKINVQKSQAFLYTNNRQTESQIMSELPFTIASKRIKYLGIQLTR 638

Qy        241 DVKDLFKENYKPLLNEIKEDTNKCKNIPCS 270
              |||||||||||||| |||||||| ||||||
Db        639 DVKDLFKENYKPLLKEIKEDTNKWKNIPCS 668

<!--EndFragment-->
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